

FIG. 1

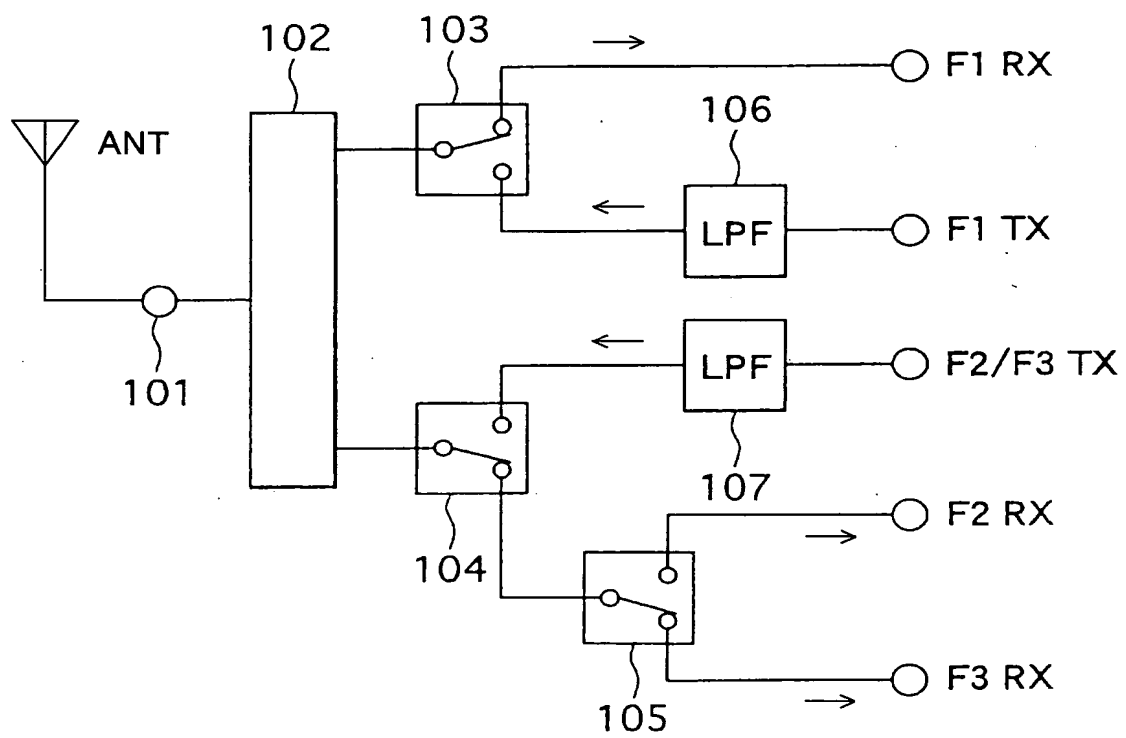


FIG. 2

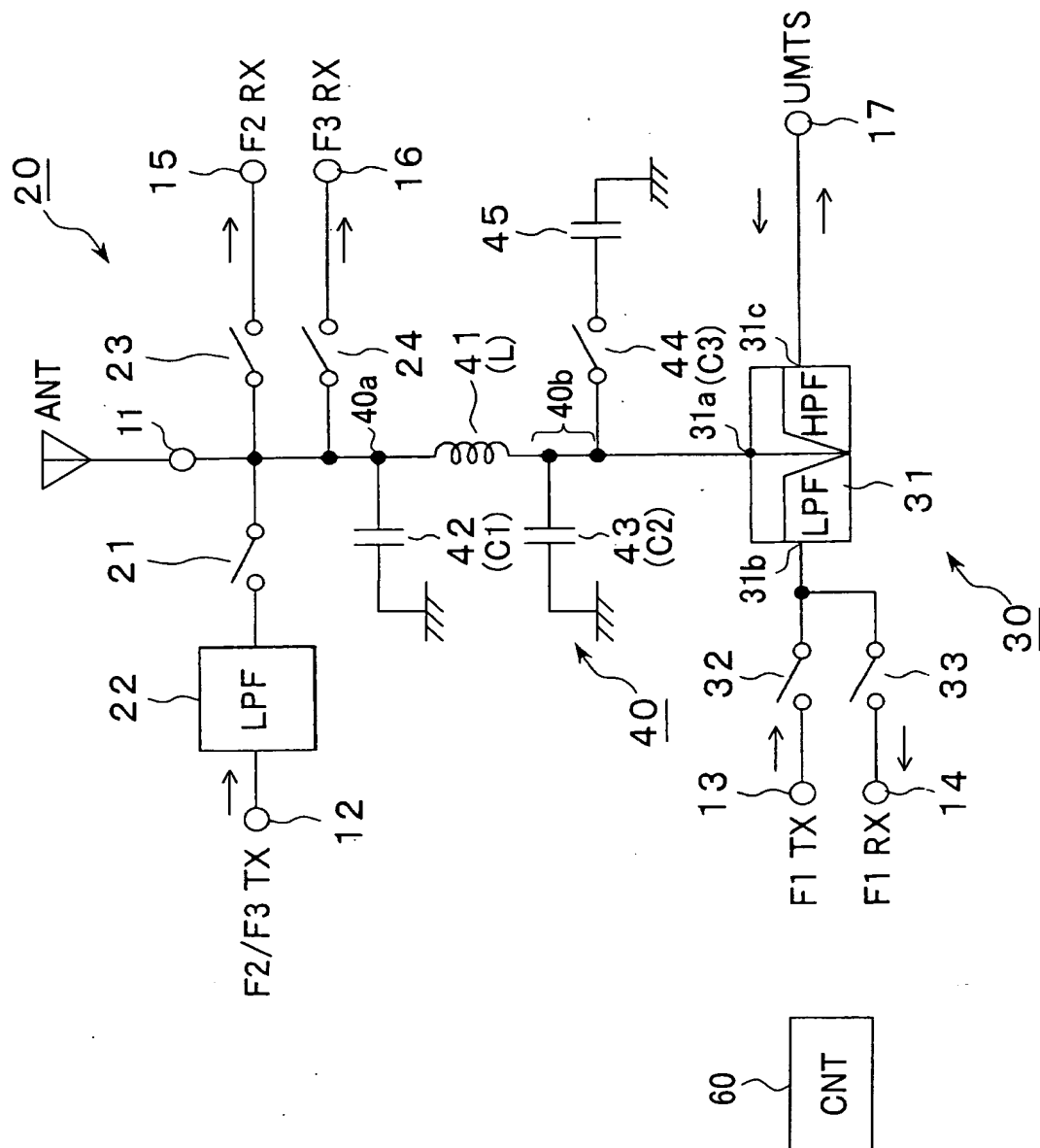


FIG. 3A

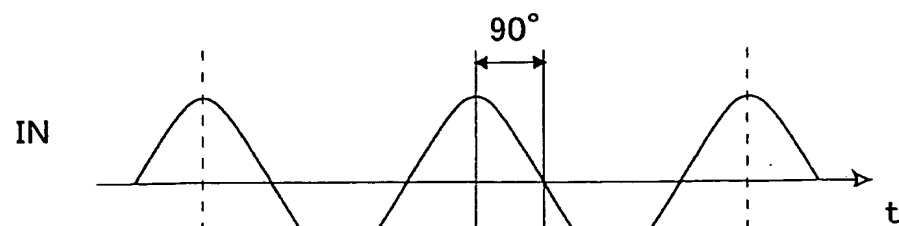


FIG. 3B

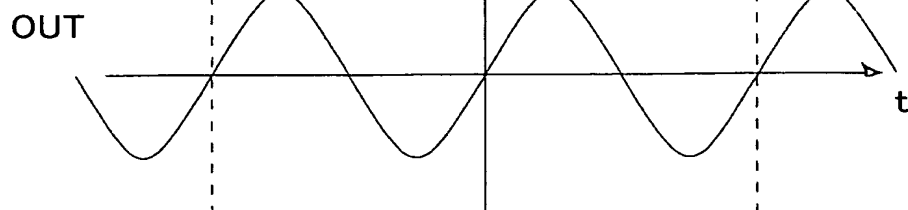


FIG. 4

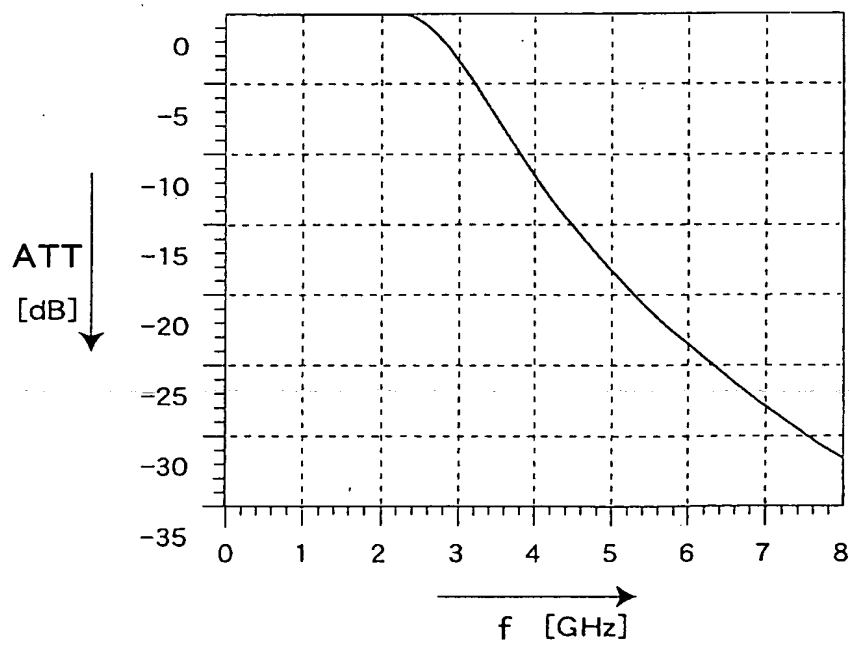
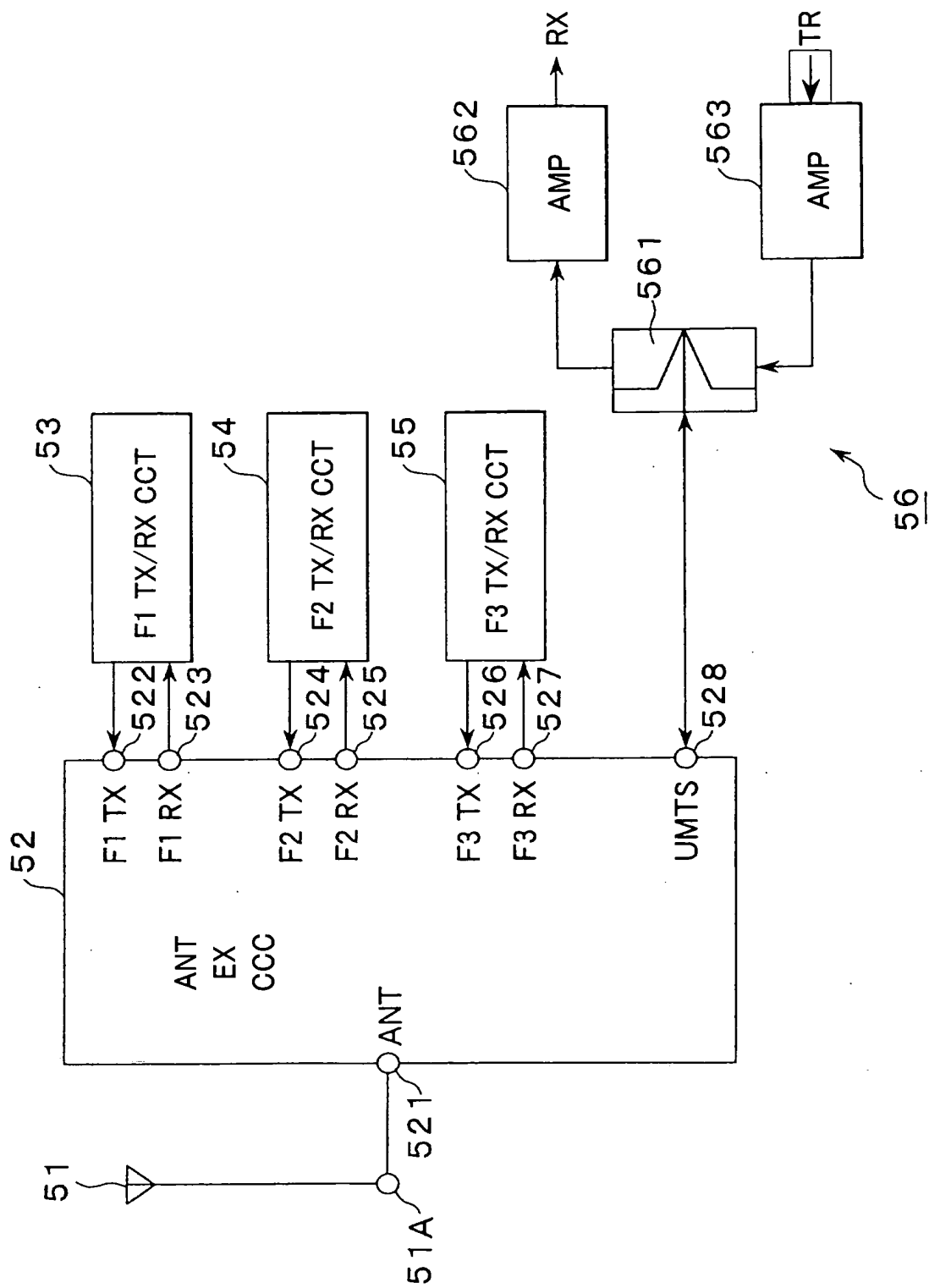


FIG. 5



LIST OF REFERENCES

- 1... wireless signal switching circuit
 - 11... antenna terminal
 - 12... transmission terminal
 - 13... F1 transmitter signal terminal
 - 14... F1 receiver signal terminal
 - 15... F2 receiver signal terminal
 - 16... F3 receiver signal terminal
 - 17... UMTS transmission and reception terminal
 - 20... F2 or F3 transmission and reception system
- signal route switching
 - 21... switch element
 - 22... LPF
 - 23, 24... switch element
- 30... F1 or UMTS transmission and reception system
- signal route switching circuit
 - 31... diplexer
 - 32, 33... switch element
- 40... 90 degree phase rotation circuit
 - 41... inductor
 - 42, 43... capacitor
 - 44... switch element
 - 45... capacitor